/ PTO-550-(Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

This interference involves 5 par

PARTY (#1)Goodchild e	serial NO. tal. 08/346,270	FILING DATE 11/23/94	PATENT NO., IF ANY	ISSUE DATE, IF ANY
	ave maintenance fees been paid?		No XX Maintenance fees no	t due yet
**Accorded the benefit of: COUNTRY	ISERIAL NO.	IFILING DATE	[PATENT NO., IF ANY	JISSUE DATE, IF ANY
		TIENO DATE		
See Attachmen	t			
	·			
	-		G.	
The claim(s) of this party which copper parentable CLAIMS 54-5		JUNPATENTABLE CI	·	
	.7, 44-46, 48-52, es(do) not correspond to this count is(a	re):	none	
PATENTABLE CLAIMS	,	UNPATENTABLE CI		
and the second s	ภาพราชานายการสานาราธิการสานาราธานาราธานาราธา			ISSUE DATE, IF ANY
party (#3) Cohen et a	serial NO. al. 07/976,777	FILING DATE 11/16/92	PATENT NO. IF ANY 5,286,717	02/15/94
f application has been patented, h	The state of the s		No XX Maintenance fees no	والمراجع والمراجع والمنافع وال
**Accorded the benefit of:				
COUNTRY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
See Attachmen	t			
The claim(s) of this party which con	respond(s) to this count is(are):			
PATENTABLE CLAIMS 1-20		iunpatentable ci none		
The claim(s) of this party which do PATENTABLE CLAIMS NONE	es(do) not correspond to this count is(a	re): unpatentable ci none	LAIMS	
egano, egano anganganganganganganganganganganganganga	անումորնամամամամածածումունանանանումումում	Instructions	ກົກນໂມເຈັນທີ່ນາໄກກຳລາດກຳນົນເກົາກຳລາໄຫລ້ານກ່ວນຊີ້ວະດີ	
1. For every patent involv	ed in the interference, check if	f the fees have been	paid by contacting the MAI	NTENANÇE FEE
	3-5069. If fees are due and the		d, the interference cannot b	e declared since it would
	ent (35 USC 135(a); 37 CFR I	•		
(37 CFR 1.601 (f), 1.60		_	•	
 For each party, separate (37 CFR 1.609(b)(3)). 	ely identify the patentable and	unpatentable claim	s which do not correspond t	o the count
• • • • • • • • • • • • • • • • • • • •	ling those the benefit of which	is being accorded.	•	
5 Keep a copy of the Inte	rference Initial Memorandum	and any attachment	ts for your records.	
All i	nformation requested below	must be attached o	on (a) separate sheet(s) and	l type-written.
	t forth a single proposed interf dicate the party, application of			tly the same word for word
· • •	ted as corresponding to the co	•		defines the same patentable
8. For each claim designa	ited as not corresponding to th	e count, provide an	explanation of why each cla	nim defines a separate
patentable invention (3				
separate patentable inv	ant, if any, repeat steps 2-6 and rention from every other count	(37 CFR 1.609(b)(1	1)).	
	RIMARY EXAMINER (Signature)	John Kaputa TEL	ÉPHONE NO.	ART UNIT
07/22/96 G	John Kight III` ROUP DIRECTOR SIGNATURE (if requ		703-308- 0204	1211
UNIE GI	NOOF DIRECTOR SIGNATURE (IT 1891	111 00)	•	
	e of each application the benefit of which	h is intended to be accord	ed must be listed. It is not sufficient	to merely list the earliest
	applications necessary for continuity.			

THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

Are/4/23/96

.. PTO-350-(Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

AND INTERPERENCES. An interior	Lucc	is thank to exist	. between in	e rononing ena
This interference involves	5	parties	•	

PARTY (#1) Goodchild	et al.	SERIAL NO. 08/346,270	FILING DATE 11/23,	/94	PATENT NO., IF ANY	ISSUE DATE, IF ANY
If application has been patented, It	nave mainten		Yes	_No	XX Maintenance fees not	due yet
**Accorded the benefit of:		and too boar para				
COUNTRY		SERIAL NO.	FILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY
See Attachme	nt					
			 			
			ļ			
			1	(,		
			<u> </u>			<u> </u>
The claim(s) of this party which co	rrespond(s) i . 9 2 I	= 25 , 27 , 44 – 46	UNPATENTABL	E CLAIMS		
48-52, 54-56, 5			no			
The claim(s) of this party which do			4			
PATENTABLE CLAIMS	,	,	UNPATENTABL	.E CLAIMS		
none			i no	ne		
PARTY	***************************************		FILING DATE	***********	PATENT NO., IF ANY	ISSUE DATE, IF ANY
(#4) Cohen et	- 1	SERIAL NO. 07/973,733	11/16	/02	5,264,423	11/23/94
if application has been patented, it "Accorded the benefit of:	ave mainten	ance fees been paid?	Yes	No	XX Maintenance fees not	due yet
COUNTRY		SERIAL NO.	FILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY
	10.0	OLIVE NO.				
See Attachme	nt					
					ļ. <u></u>	
The claim(s) of this party which co	rrespond(s)					<u> </u>
PATENTABLE CLAIMS 1-48	}		IUNPATENTABL	E CLAIMS	none	
			1			
The claim(s) of this party which do PATENTABLE CLAIMS	es(do) not c		JUNPATENTABL	ECI AIMS		
none	<u> </u>		1		none	
Instructions						
1. For every patent involved in the interference, check if the fees have been paid by contacting the MAINTENANCE FEE						
1. For every patent involv	ed in the	interference, check if the	e lees have be	en paid by	contacting the MAIN	declared since it would
		f fees are due and they h		paid, the n	merierence cannot be	deciated since it would
	•	SC 135(a); 37 CFR 1.60	•		11	
2. For each party, separat			patentable cla	ums which	correspond to the cou	int.
(37 CFR 1.601 (f), 1.60						•
3. For each party, separat	ely identif	fy the patentable and un	patentable cla	aims which	do not correspond to	the count
(37 CFR 1:609(b)(3)).						
4. Forward all files include	ling those	the benefit of which is	being accorde	<u>ed.</u>		
5. Keep a copy of the Inte	rference l	initial Memorandum and	d any attachn	nents for v	our records	
All i	nformati	on requested below mu	st he attache	ed on (a) se	enarate sheet(s) and t	lyne-written.
		•			-	
6. On a separate sheet, se						the same word for word
as this count, please in	aicate the	party, application or pa	iteni number,	and the cia	aim number.	
7. For each claim designa	ated as con	rresponding to the count	, provide an	explanation	n of why each claim de	efines the same patentable
invention (37 CFR 1.6	09(b)(2)).					
8. For each claim designa	ated as no	t corresponding to the co	ount, provide	an explana	ation of why each clain	m defines a separate
patentable invention (3			ount, provide	an oripiani		ar area a sopulation
			4 41		• • •	
9. For each additional con					explanation why each	count represents a
	SHIPS FOR	om every other count (37) WINER (Signature)		D)(1)). TELEPHONE	NO.	JART UNIT
I	Toho	Kight III	Kenlitte		308-0204	1211
0 7/ 22/96	001111	Right III		703-		
DATE	KOUP DIREC	CTOR SIGNATURE (if required	ı) ·			
		:				
**The senal number and filing dat			intended to be ac	corded must b	e listed. It is not sufficient to	merely list the earliest
application if there are intervening	applications	necessary for continuity.				

THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

De 4/23/86

. rTO-350-(Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

DOMED OF THE ENT THE EACE		rence involves	_ ,	en the following cases.
PARTY (#1)Goodchild et al.	SERIAL NO. 08/346,270	FILING DATE 11/23/94	PATENT NO., IF ANY	ISSUE DATE, IF ANY
If application has been patented, have mainter	nance fees been paid?	YesNo	XX Maintenance fees not	due yet
**Accorded the benefit of: COUNTRY	ISERIAL NO.	IFILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
See attachment				
See accaciment		 	·	
	ļ	ļ		
	÷			
			(,	
The claim(s) of this party which correspond(s) PATENTABLE CLAIMS $17-19$, 21 46, $48-52$, $54-56$, 58	, 61 & 64	UNPATENTABLÉ CLAIN	none	
The claim(s) of this party which does(do) not of PATENTABLE CLAIMS NONE	correspond to this count is(are):	UNPATENTABLE CLAIR	none	
PARTY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
(#5) Cohen et al.	07/159,017	02/22/88	5,276,019	01/04/94
if application has been patented, have mainter	nance fees been paid?	YesNo	XX Maintenance fees not	due yet
**Accorded the benefit of:	ISERIAL NO.	IFILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY
	SERVE NO.	TIENTO DATE	TATERT NO., II AND	ואסטב טאוב, וו אווי
See attachment				
The claim(s) of this party which correspond(s) PATENTABLE CLAIMS 1-43	to this count is(are):	IUNPATENTABLE CLAIN	none	
The claim(s) of this party which does(do) not operatentABLE CLAIMS	correspond to this count is(are):	(UNPATENTABLE CLAIM	none	
·	ani na kanakan	Instructions		
 For every patent involved in the DEPARTMENT at 308-5069. I involve an expired patent (35 U 	f fees are due and they l	nave not been paid, t		
 For each party, separately identi (37 CFR 1.601 (f), 1.601 (n), 1. 		patentable claims w	hich correspond to the cou	int.
 For each party, separately identi (37 CFR 1/609(b)(3)). 	fy the patentable and un	patentable claims w	hich do not correspond to	the count
4. Forward all files including those	the benefit of which is	being accorded.		
5. Keep a copy of the Interference All informati			for your records. (a) separate sheet(s) and t	lype-written.
6. On a separate sheet, set forth a sas this count, please indicate the				the same word for word
7. For each claim designated as co	rresponding to the count	•		efines the same patentable
invention (37 CFR 1.609(b)(2)) 8. For each claim designated as no	t corresponding to the c	ount, provide an exp	planation of why each claim	m defines a separate
patentable invention (37 CFR 1 9. For each additional count, if any	y, repeat steps 2-6 and, a		e an explanation why each	count represents a
separate patentable invention fr	om every other count (3'	7 CFR 1.609(b)(1)).		
07/22/96 John	MINER (Signature) Kight III	1 Keylett 703.	-308-0204	1211
DATE GROUP DIRE	CTOR SIGNATURE (if required	n /		

The serial number and filling date of each application the benefit of which is intended to be accorded must be listed. It is not sufficient to merely list the earliest application it there are intervening applications necessary for continuity.

THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

De /4/2/95

. PTO-350-(Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

OARD OF PATENT APPI	EALS AND INTERFEREN This interfe	CES: An interferer erence involves _	ice is found to exist between 5 parties	een the following cases:	
ARTY #2) Goodchild et	serial NO. al 07/882,073	FILING DATE 05/12/92	PATENT NO., IF, ANY	ISSUE DATE, IF ANY	
application has been patented, have	maintenance fees béen paid?	YesNo	XX Maintenance fees not	due yet	
Accorded the benefit of: DUNTRY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
See Attachment					
		·			
 	:	 	· ·		
ne claim(s) of this party which corresp ATENTABLE CLAIMS 17-21	cond(s) to this count is(are): and 23	UNPATENTABLE CLAI		<u></u>	
ne claim(s) of this party which does(do ATENTABLE CLAIMS none	o) not correspond to this count is(are)	UNPATENTABLE CLAI	ms none		
RTY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
#3) Cohen et al. application has been patented, have	07/976,777	11/16/92 Yes No	5,286,717	02/15/94	
Accorded the benefit of:	maintenance tees been paid?		V Matritonarico roco ricc	oud yet	_
DUNTRY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
See Attachment					
		-			
ne claim(s) of this party which corresp ATENTABLE CLAIMS	ond(s) to this count is(are):	IUNPATENTABLE CLAI	ue		
1-20		I	none		
ne claim(s) of this party which does(d ATENTABLE CLAIMS	o) not correspond to this count is(are)	UNPATENTABLE CLA	MS		
none		ן אוועוניקיינקיינקיינקיינקיינקיינקיינ אוועוניקיינקיינקיינקיינקיינקיינקיינקיינקיינק	none	20000000000000000000000000000000000000	22400
For every patent involved in DEPARTMENT at 308-50	in the interference, check if the figure of the first th	have not been paid,	id by contacting the MAIN	NTENANCE FEE	
(37 CFR 1.601 (f), 1.601 (**	•	•		
(37 CFR 1.609(b)(3)).	identify the patentable and u	•	which do not correspond to	the count	
	those the benefit of which is			,	
	rence Initial Memorandum ar rmation requested below m			type-written.	
	rth a single proposed interfer ate the party, application or p			y the same word for word	
 For each claim designated invention (37 CFR 1.609) 	as corresponding to the courb)(2)).	it, provide an explan	nation of why each claim d	lefines the same patentable	
For each claim designated patentable invention (37 C	as not corresponding to the of	ount, provide an ex	planation of why each clai	im defines a separate	
. For each additional count,	if any, repeat steps 2-6 and, ion from every other count (3			h count represents a	
ATE PRIMA	RY EXAMINER (Signature)	TELEP	HONE NO.	ART UNIT	
		O. O.C. MATCHES	3-308-0204	1211	
ATE GROU	P DIRECTOR SIGNATURE (if require	(a)			

*The serial number and filling date of each application the benefit of which is intended to be accorded must be listed. It is not sufficient to merely list the earliest application it there are intervening applications necessary for continuity. THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

DATE

PTO-550 (Rev. 9-27-95)

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

	. ^		_	
111	interference	4001000	_	parties
I DIC	interterence	HIVOIVES	~	names
1 1113	ILLICATOR CITOC	1111 01100		P4

PARTY #2') Goodchild et al	SERIAL NO. 07/882,073	FILING DATE 05/12/92	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
If application has been patented, have maint		YesNo	XXMaintenance fees not	due yet	
**Accorded the benefit of: COUNTRY	ISERIAL NO.	IFILING DATE	IPATENT NO., IF ANY	ISSUE DATE, IF ANY	
	Julian III.				
See attachment.	 				
		<u> </u>		 	
		4,			
The claim(s) of this party which correspond(s PATENTABLE CLAIMS 17-21 ar		JUNPATENTABLE CLAIMS	nono		
		. .	none		
The claim(s) of this party which does(do) not PATENTABLE CLAIMS	correspond to this count is(are)	: UNPATENTABLE CLAIMS			
none		1	none		
PARTY	SERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
(#4) Cohen et al.	07/973,733	11/16/92	5,264,423	11/23/93	
tf application has been patented, have mainted	enance fees been paid?	YesNo	XXMaintenance fees not	due yet	
**Accorded the benefit of: COUNTRY	ISERIAL NO.	FILING DATE	PATENT NO., IF ANY	ISSUE DATE, IF ANY	
See attachment.					
bee accacimient.	100			 	
		<u> </u>		·	
			· i		
The claim(s) of this party which correspond(s PATENTABLE CLAIMS $1-48$		IUNPATENTABLE CLAIMS	none		
The claim(s) of this party which does(do) not PATENTABLE CLAIMS none	correspond to this count is(are)	UNPATENTABLE CLAIMS	none		
1. For every patent involved in the DEPARTMENT at 308-5069, involve an expired patent (35) 2. For each party, separately ident (37 CFR 1.601 (f), 1.601 (n), 1 3. For each party, separately ident (37 CFR 1.609(b)(3)).	e interference, check if the life fees are due and they USC 135(a); 37 CFR 1.6 tify the patentable and un.609(b)(2)).	have not been paid, the 606). Inpatentable claims whic neatentable claims whic	interference cannot be h correspond to the corre	TENANCE FEE declared since it would unt.	
4. Forward all files including thos	se the benefit of which is	being accorded.			
5. Keep a copy of the Interference All informa	Initial Memorandum artion requested below m			typ e -written.	
 On a separate sheet, set forth a as this count, please indicate the 				y the same word for word	
7. For each claim designated as corresponding to the count, provide an explanation of why each claim defines the same patentable invention (37 CFR 1.609(b)(2)).					
8. For each claim designated as n patentable invention (37 CFR		count, provide an explar	nation of why each clai	m defines a separate	
19. For each additional count, if an separate patentable invention f			n explanation why eacl	n count represents a	
DATE PRIMARY E	CAMINER (Signature)	TELEPHON		ART UNIT	
1	nn Kight III	* **	308-9 204	1211	
DATE GROUP DIR	ECTOR SIGNATURE (If require	xd) /	-		
**The serial number and filing date of each a	pplication the benefit of which is	intended to be accorded must	be listed. It is not sufficient to	merely list the earliest	

application if there are intervening applications necessary for continuity.

THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

Dre 8/25/96

INTERFERENCE INITIAL MEMORANDUM

BOARD OF PATENT APPEALS AND INTERFERENCES: An interference is found to exist between the following cases:

		This interfer	rence involv	/es5	parties	
party #2') Goodch:	ild et al	SERIAL NO. 07/882,073	FILING DATE 05/12/	92	PATENT NO., IF ANY	ISSUE DATE, IF ANY
If application has been pate	ented, have mainter	nance fees been paid?	Yes _	No	XXMaintenance fees not o	due yet
**Accorded the benefit of: COUNTRY		ISERIAL NO.	IFILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY
Soo atta	hmont					
See attac	ment		 			
		<u> </u>				
		:	ļ			
				٠,		
The claim(s) of this party v PATENTABLE CLAIMS	hich correspond(s) 17-21 at	, ,	JUNPATENTABL	E CLAIMS	none	
The claim(s) of this party v PATENTABLE CLAIMS	none	correspond to this count is(are):	UNPATENTABL	E CLAIMS	none	
TARTY		Iceria No	FILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY
(#5) Cohen	et al.	SERIAL NO. 07/159,017	02/22	/88	5,276,019	01/04/94
If application has been pate			Yes		XXMaintenance fees not o	
"Accorded the benefit of:	sinos, varo maino,					
COUNTRY		SERIAL NO.	FILING DATE		PATENT NO., IF ANY	ISSUE DATE, IF ANY
See attacl	nment.		<u> </u>	·		
	•		,			
	· · · · · · · · · · · · · · · · · · ·					
The claim(s) of this party w	hich correspond(s)	to this count is(are):	<u> </u>		L	
PATENTABLE CLAIMS	1-43	a and obtain refer by.	IUNPATENTABL	E CLAIMS	nono	
			1 1		none	
The claim(s) of this party v	mich does(do) not o	correspond to this count is(are):	UNPATENTABL	E CLAIMS		. "
	none		1		none	
And a desirable of the desirable of the second	ntiutinalnatantintintintint	ການສຳຄວາມປ່ານປ່ານປ່ານປະເທດການປາກປັກການການ	Instructi	<u> 0118</u>		
DEPARTMENT	at 308-5069. I	interference, check if the fees are due and they has C 135(a); 37 CFR 1.60	ave not been	en paid by paid, the in	contacting the MAIN nterference cannot be of	TENANCE FEE declared since it would
For each party, see (37 CFR 1.601 (1)		fy the patentable and un 609(b)(2)).	patentable cla	ims which	correspond to the cou	nt.
3. For each party, s (37 CFR 1.609(b)		fy the patentable and un	patentable cla	ims which	do not correspond to	the count
4. Forward all files	including those	the benefit of which is	being accorde	<u>xd.</u>		
5. Keep a copy of the Interference Initial Memorandum and any attachments for your records. All information requested below must be attached on (a) separate sheet(s) and type-written.						
Con a concenta ch		•		` ,	•	* -
6. On a separate sheet, set forth a single proposed interference count. If any claim of any party is exactly the same word for word as this count, please indicate the party, application or patent number, and the claim number.						
7. For each claim d invention (37 CF			t, provide an e	explanation	of why each claim de	efines the same patentable
8. For each claim d patentable inven		ot corresponding to the co. 609(b)(3)).	ount, provide	an explana	tion of why each clair	n defines a separate
9. For each addition separate patental	ble invention fr	y, repeat steps 2-6 and, a om every other count (3°	ndditionally, 1	provide an b)(1)).	explanation why each	count represents a
DATE	PRIMARYEX	AMINER (Signature)	1 1 /1	TELEPHONE		ART UNIT
07/22/96		Kight III (64		703-	308-0204	1211
DATE	GROUP DIRE	CTOR SIGNATURE (if required	0 /			
		, , , , , , , , , , , , , , , , , , ,				

"The serial number and filling date of each application the benefit of which is Intended to be accorded must be listed. It is not sufficient to merely list the earliest application if there are intervening applications necessary for continuity.

THIS PAGE CAN BE DUPLICATED IF THERE ARE MORE THAN TWO INTERFERING PARTIES.

De/4/1/8